

What is claimed is:

1. A broadcasting system comprising a parent station and relay centers for relaying broadcasting program data broadcasted by the parent station to parts of districts,

5 wherein the relay center is provided with multiplexing means for multiplexing e-mail data addressed to a terminal in a relay area of the relay center with the broadcasting program data.

10 2. A broadcasting system according to claim 1, wherein the relay area includes the number of terminals to which the e-mail data can be delivered within a specific time.

15 3. A broadcasting system according to claim 1, wherein each relay center has respective domain parts different from each other.

4. A broadcasting system according to claim 1, which further comprising a e-mail integrated server provided with:

mail receiving means for receiving e-mail data addressed to the terminal;

20 position management means for acquiring position information of a terminal to which the e-mail data received by the mail receiving means is to be transmitted;

25 relay center selecting means for selecting a relay center corresponding to the position information acquired by the position management means; and

mail sending means for sending the e-mail data received by the mail receiving means to the relay center selected by the relay center selecting means.

5 5. A broadcasting system according to claim 4, wherein the mail sending means transmits the e-mail data received by the mail receiving means to the relay center on the basis of a mail receiving flag representing whether the e-mail data should be transmitted by means of the broadcasting or not.

10 6. A broadcasting system according to claim 5 wherein the e-mail integrated server is provided with mail receiving method setting means for changing the mail receiving flag on the basis of the instruction of user.

15 7. An e-mail delivery device multiplexing e-mail data and broadcasting program data broadcasted in the broadcasting system comprising a parent station and relay centers relaying the broadcasting of the parent station to parts of the districts, which comprising:

20 multiplexing means for multiplexing the broadcasting program data and e-mail data to be transmitted to a terminal included in the relay area of the relay center.

25 8. An e-mail delivery device according to claim 7 wherein the relay area includes the number of terminals to which the e-mail data can be delivered within a specific time.

9. An e-mail integrated server transmitting e-mail data to a relay center multiplexing the e-mail data and the broadcasting program data broadcasted by a parent station, which comprising:

mail receiving means for receiving e-mail data addressed to a specific terminal;

position management means for acquiring position information of a terminal to which the e-mail data received by the mail receiving means is transmitted;

relay center selecting means for selecting a relay center corresponding to the position information acquired by the position management means; and

mail sending means for sending the e-mail data received by the mail receiving means to the relay center selected by the relay center selecting means.

10. An e-mail integrated server according to claim 9, wherein the mail sending means sends the e-mail data received by the mail receiving means to the relay center on the basis of a mail receiving flag representing whether the e-mail data is sent by means of the broadcasting or not.

11. An e-mail integrated server according to claim 10, which further comprising mail receiving method setting means for changing the mail receiving flag on the basis of the instruction of user.

12. An e-mail delivery method of multiplexing the broadcasting program data with the e-mail data and then delivering the multiplexed data, which comprising:

receiving the broadcasting program data from the parent station;

multiplexing the e-mail data addressed to a terminal included in the relay area of parts of districts to which the broadcasting data is broadcasted and the broadcasting program data received in the above step of receiving the broadcasting program data; and

delivering to the relay area the broadcasting program data multiplexed with the e-mail data in the above step.

13. A program executed by a computer multiplexing the broadcasting program data and the e-mail data and delivering the data, which comprising:

receiving the broadcasting program data from the parent station;

multiplexing the e-mail data addressed to a terminal included in the relay area of parts of districts to which the broadcasting data is broadcasted and the broadcasting program data received in the above step of receiving the broadcasting program data; and

delivering to the relay area the broadcasting program data multiplexed with the e-mail data in the above step.

14. A computer-readable storage medium for storing a program executed by a computer multiplexing the broadcasting program data and the e-mail data and delivering the data, which comprising:

receiving the broadcasting program data from the parent station;

5       multiplexing and the e-mail data addressed to a terminal included in the relay area of parts of districts to which the broadcasting data is broadcasted and the broadcasting program data received in the above step of receiving the broadcasting program data; and

delivering to the relay area the broadcasting program data multiplexed with the e-mail data in the above step.